IN THE WRITTEN DESCRIPTION

Please amend the following numbered paragraphs in the written description as follows:

[00013]   Briefly stated and in accordance with one aspect of this invention, an apparatus for connecting an industrial machine to a communication circuit includes a programmable <u>electrical</u> interface connected to the industrial machine, a programmable data translator coupled to the <u>electrical</u> interface, and a communications port connected to the communications circuit.

[00014]   The configuration of the programmable <u>electrical</u> interface and programmable data translator are established through data files referred to herein as personality files that configure the <u>electrical</u> interface and the translator according to the particular machine to which the interface is connected.

[00015]   In one configuration, a personality file is interpreted at the time the <u>electrical</u> interface is manufactured to configure the <u>electrical</u> interface to a particular industrial machine. In accordance with this approach, the <u>electrical</u> interface remains configured for a particular machine until the <u>electrical</u> interface is reprogrammed.

[00016] In accordance with another configuration, a plurality of personality files are maintained on the interface device and configuration can take place in the field without the need for a separate personality file interpreter. In accordance with this embodiment, the electrical interface remains configured until a different personality file is interpreted and used to reconfigure the electrical interface.

[00029] Generally, a preferred embodiment for connecting one of a plurality of industrial machines 8 having different data format and storage configurations to a communications medium for remote monitoring and control, includes a programmable interface apparatus 10 having a memory 20 for storing data in predetermined locations and in a predetermined format, and for storing configuration information relating to the at least one of the industrial machines; a configurable electrical interface 30 responsive to the electrical interface configuration information for receiving machine data from the industrial machine 8 and sending data to the industrial machine 8; a data translator 40 responsive to the configuration information, receiving data from the electrical interface and transforming the data to the predetermined format; a processor 50 responsive to the configuration information for reading data from and writing data to the predetermined locations in the memory; and a communications port 60 connected to the communications medium.